

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/565,487
Source: IFWP
Date Processed by STIC: 1-27-06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 01/27/2006

PATENT APPLICATION: US/10/565,487

TIME: 14:39:24

Input Set : N:\SMITH\PTO.TS27.txt

Output Set: N:\CRF4\01272006\J565487.raw

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3 <110> APPLICANT: Edwards, Mark Richard
4   Olsson, Per Georg
6 <120> TITLE OF INVENTION: GENETIC MARKER FOR CORONARY ARTERY DISEASE
8 <130> FILE REFERENCE: ASZD-P01-135
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/565,487
C--> 10 <141> CURRENT FILING DATE: 2006-01-20
10 <150> PRIOR APPLICATION NUMBER: SE 0302121-9
11 <151> PRIOR FILING DATE: 2003-07-22
13 <160> NUMBER OF SEQ ID NOS: 23
15 <170> SOFTWARE: PatentIn version 3.2
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 389
19 <212> TYPE: PRT
20 <213> ORGANISM: Homo sapiens
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25 1 5 10 15
28 Ser Ala Ala Pro Pro Gly Ala Glu Gly Asn Arg Thr Ala Gly Pro Pro
29 20 25 30
32 Arg Arg Asn Glu Ala Leu Ala Arg Val Glu Val Ala Val Leu Cys Leu
33 35 40 45
36 Ile Leu Leu Leu Ala Leu Ser Gly Asn Ala Cys Val Leu Leu Ala Leu
37 50 55 60
40 Arg Thr Thr Arg Gln Lys His Ser Arg Leu Phe Phe Phe Met Lys His
41 65 70 75 80
44 Leu Ser Ile Ala Asp Leu Val Val Ala Val Phe Gln Val Leu Pro Gln
45 85 90 95
48 Leu Leu Trp Asp Ile Thr Phe Arg Phe Tyr Gly Pro Asp Leu Leu Cys
49 100 105 110
52 Arg Leu Val Lys Tyr Leu Gln Val Val Gly Met Phe Ala Ser Thr Tyr
53 115 120 125
56 Leu Leu Leu Leu Met Ser Leu Asp Arg Cys Leu Ala Ile Cys Gln Pro
57 130 135 140
60 Leu Arg Ser Leu Arg Arg Arg Thr Asp Arg Leu Ala Val Leu Ala Thr
61 145 150 155 160
64 Trp Leu Gly Cys Leu Val Ala Ser Ala Pro Gln Val His Ile Phe Ser
65 165 170 175
68 Leu Arg Glu Val Ala Asp Gly Val Phe Asp Cys Trp Ala Val Phe Ile
69 180 185 190
72 Gln Pro Trp Gly Pro Lys Ala Tyr Ile Thr Trp Ile Thr Leu Ala Val
73 195 200 205
76 Tyr Ile Val Pro Val Ile Val Leu Ala Ala Cys Tyr Gly Leu Ile Ser
77 210 215 220

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80 Phe Lys Ile Trp Gln Asn Leu Arg Leu Lys Thr Ala Ala Ala Ala Ala
 81 225 230 235 240
 84 Ala Glu Ala Pro Glu Gly Ala Ala Ala Gly Asp Gly Gly Arg Val Ala
 85 245 250 255
 88 Leu Ala Arg Val Ser Ser Val Lys Leu Ile Ser Lys Ala Lys Ile Arg
 89 260 265 270
 92 Thr Val Lys Met Thr Phe Ile Ile Val Leu Ala Phe Ile Val Cys Trp
 93 275 280 285
 96 Thr Pro Phe Phe Phe Val Gln Met Trp Ser Val Trp Asp Ala Asn Ala
 97 290 295 300
 100 Pro Lys Glu Ala Ser Ala Phe Ile Ile Val Met Leu Leu Ala Ser Leu
 101 305 310 315 320
 104 Asn Ser Cys Cys Asn Pro Trp Ile Tyr Met Leu Phe Thr Gly His Leu
 105 325 330 335
 108 Phe His Glu Leu Val Gln Arg Phe Leu Cys Cys Ser Ala Ser Tyr Leu
 109 340 345 350
 112 Lys Gly Arg Arg Leu Gly Glu Thr Ser Ala Ser Lys Lys Ser Asn Ser
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 116 Ser Ser Phe Val Leu Ser His Arg Ser Ser Ser Gln Arg Ser Cys Ser
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126 <212> TYPE: DNA

127 <213> ORGANISM: Homo sapiens

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 134 gcgcccgcac cagacgctgt ccgcgcgcgc agcctgggag gcgctcctcg ctgcctcct 180
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 148 ccctccgaca cgccggatcc ggcccagccg cgccaagccg taaagggtc gaaggccggg 600
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 160 gctgccgcag ttgctgtggg acatcacctt ccgcttctac gggcccagacc tgctgtgccg 960
 162 cctgggtcaag tacttgaggg tgggtgggcat gttcgctcct accctacctg tgctgtcat 1020
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 166 ccgctggca gtgctcgcca cgtggctcgg ctgcctgggt gccagcgcg cgagggtgca 1140
 168 catcttctct ctgcgcgagg tggctgacgg cgtcttcgac tgctgggccc tcttcatcca 1200
 170 gccctgggga cccaaggcct acatcacatg gatcacgcta gctgtctaca tcgtgccggg 1260
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178	ggtcaagatg	actttcatca	tcgtgctggc	cttcatcgtg	tgctggacgc	ctttcttctt	1500
180	cgtgcagatg	tggagcgtct	gggatgccaa	cgcgcccag	gaagcctcgg	ccttcatcat	1560
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184	gggccacctc	ttccacgaac	tcgtgcagcg	cttcctgtgc	tgtccgcca	gctacctgaa	1680
186	gggcagacgc	ctgggagaga	cgagtgccag	caaaaagagc	aactcgtcct	cctttgtcct	1740
188	gagccatcgc	agctccagcc	agaggagctg	ctcccagcca	tccacggcgt	gacccaccag	1800
190	ccagggccag	ggctgcagcc	tgaggctcag	gctgtgctgg	cataagtgtc	ctgctcctag	1860
192	gtgatggcgt	atgttttgtg	ataaggtacc	tatcagtttg	tatccctccc	ctccttgggg	1920
194	tggcttcagt	ggggtggaga	gtggcctcca	tgatggaaga	tgatagggga	ctcagccatc	1980
196	agacaacacc	ctggcctcct	acacgtactt	ctaccaccct	gaacccactg	ctgccctggg	2040
198	cagtgaagtg	cttggttttt	ctcctggact	tgtaatttca	ctccagtata	tttttacttc	2100
200	ttcattcttg	gatattgtga	aaagcggtaa	atataggatt	ggtgaccaat	tgggtcagga	2160
202	agtccagtgt	tctggacttg	gggtaagcag	tggggttggg	acctcagatg	ggaagggtgg	2220
204	tgctaagatc	ctcctgacct	caaagtgtat	ttgcctttta	gcgaacaaat	gctggggtcc	2280
206	ttggggacca	gcttgtcaga	gggtagccct	aagagaaggg	gattaccttg	taagaccatc	2340
208	tggcgcagtg	gacctattag	aacttgggtt	aaaaatgttt	aagaagctaa	tgtttaagaa	2400
210	gcatttggga	aagaaaaaga	aataaatgta	tccagatagg	aaaagaagaa	gtaaaactat	2460
212	ttgcagatga	cacagttttg	tatatagaaa	atcctaagga	actcacacac	acacacacac	2520
214	acacacacgc	acacagctat	tagaactaat	aagcaagttc	cgcaaggttt	caagatacaa	2580
216	gatcaatata	caaaaatgaa	ttgtatttct	ttatactagc	aacaaacaat	atgaaaacga	2640
218	agttaaataa	ttccatttat	aataccatca	gaaagaataa	aataggaatc	aacttaacaa	2700
220	aacaagtgca	agactgaaaa	ctacaaaatt	ggaaagaaat	taaagaaggc	ttaaataaat	2760
222	ggaaagacat	cctgtgttca	tggatcagac	ttagtattgt	taagatggca	atactatcct	2820
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236	gaatgagggt	ggacctttac	tcacactatg	tgcaaaaatc	aactcaaaac	gcatccaaga	3240
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254	aagaacgagt	gtcggtgagg	atgtagagaa	actggtagaa	atttaaattg	ttggtgggaa	3780
256	tgtaaatggt	gcacctgctt	tgaaaaacag	tttggcagta	cctcaaaaag	ttaaacgtag	3840
258	agtgaccata	tgaccagga	atgccactcc	taggtattta	cccaagagaa	atgaaaacgt	3900
260	acatacacac	aaaaacttgt	acaccaatgt	tcatagcaac	attatttgta	atagccaaaa	3960
262	agtggaaaaca	acccaaatgt	ctaccaactg	atgaatggga	aataaaatgt	ggtctgtcca	4020
264	cgcaatggaa	cattattaga	ctctaaaaag	aaatgaagta	ctcacacatg	ccacaacatg	4080
266	gatgagcctt	gaaaacttgc	taagtgaag	aagccagggtg	caaaaagccca	catattgtct	4140
268	gactgcattg	aaatgcaatg	tctaaaaatg	acgaatctat	atagagtga	tatagattag	4200
270	cgtttgccag	ggcctggagg	ctgtgagaga	tgaggcatga	ctactaaggg	tttgggggtt	4260

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272 ctttttcggg tgatgaaaat gttctgaaat tagtggtgat tgtgcacgat tttgagaatg 4320
274 tactaaaaac caatgaactt taaaaaataa aaataaacia a 4361
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278 <211> LENGTH: 61
279 <212> TYPE: DNA
280 <213> ORGANISM: Homo sapiens
282 <400> SEQUENCE: 3
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285 c 61
288 <210> SEQ ID NO: 4
289 <211> LENGTH: 61
290 <212> TYPE: DNA
291 <213> ORGANISM: Homo sapiens
293 <400> SEQUENCE: 4
294 ttgagatcaa gaacgggtgga cagttacttt rttcattttct tctttcctat ctatacgatt 60
296 t 61
299 <210> SEQ ID NO: 5
300 <211> LENGTH: 61
301 <212> TYPE: DNA
302 <213> ORGANISM: Homo sapiens
304 <400> SEQUENCE: 5
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307 a 61
310 <210> SEQ ID NO: 6
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318 a 61
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327 <220> FEATURE:
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329 <222> LOCATION: (53)..(53)
330 <223> OTHER INFORMATION: n is a, c, g, or t
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335 g 61
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339 <211> LENGTH: 61
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346 t 61
349 <210> SEQ ID NO: 9

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361 <211> LENGTH: 30
362 <212> TYPE: DNA
363 <213> ORGANISM: Homo sapiens
365 <400> SEQUENCE: 10
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; N Pos. 53

Seq#:21; N Pos. 22

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/565,487

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Input Set : N:\SMITH\PTO.TS27.txt

Output Set: N:\CRF4\01272006\J565487.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0

L:471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0